



Docket No.: ISH-0248  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Yasuo OHAMA

Application No.: 10/555,853

Confirmation No.: 4615

Filed: November 1, 2005

Art Unit: 1792

For: QUARTZ GLASS CRUCIBLE FOR PULLING  
UP SILICON SINGLE CRYSTAL AND  
METHOD FOR MANUFACTURE THEREOF

Examiner: M. J. Song

**REVOCATION OF POWER OF ATTORNEY**  
**AND NEW POWER OF ATTORNEY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Madam:

The undersigned having, on or about April 13, 2009, appointed Rader, Fishman & Grauer PLLC, of 1233 20<sup>th</sup> Street, N.W., Washington, D.C. 20036 as our attorney to prosecute an application for Letters Patent, which application was filed on November 1, 2005, for an invention entitled QUARTZ GLASS CRUCIBLE FOR PULLING UP SILICON SINGLE CRYSTAL AND METHOD FOR MANUFACTURE THEREOF, Application No. 10/555,853, hereby revokes the Power of Attorney then given, and hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected herewith:

All practitioners at Customer Number **23353**.

Address all communications to: Carl Schaukowitch  
RADER, FISHMAN & GRAUER PLLC  
1233 20th Street, N.W., Suite 501  
Washington, DC 20036  
(202) 955-3750

For: SHIN-ETSU QUARTZ PRODUCTS CO., LTD.

*Shigeru Yamagata* \_\_\_\_\_ Dated: June 11, 2009  
Name & Title: Shigeru YAMAGATA  
General Manager of Patent Department



PTO/SB/96 (03-09)

Approved for use through 04/30/2009. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Yasuo OHAMAApplication No./Patent No.: 10/555,853 Filed/Issue Date: November 1, 2005Titled: QUARTZ GLASS CRUCIBLE FOR PULLING UP SILICON SINGLE CRYSTAL AND METHOD  
FOR MANUFACTURE THEREOF

SHIN-ETSU QUARTZ PRODUCTS  
CO., LTD., a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest in;
2.  an assignee of less than the entire right, title, and interest in  
(The extent (by percentage) of its ownership interest is 50 %); or
3.  an assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made) the patent application/patent identified above by virtue of either:
  - A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 017933 Frame 0060.

**OR**

- B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:
  1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
  2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
  3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet(s). As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Shigeru Yamagata  
SignatureShigeru YAMAGATA  
Printed or Typed NameJune 11, 2009  
Date  
General Manager of  
Patent Department  
Title



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Washington, DC 20036  
(202) 955-3750

For: HERAEUS QUARZGLAS GMBH & CO. KG

  
(Heinz Fabian)

  
(Wolfgang Stang)

Name & Title:  
President

President

Dated: June 19, 2009



PTO/SB/96 (03-09)

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HERAEUS QUARZGLAS GMBH & CO., KG, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

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3.  an assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made) the patent application/patent identified above by virtue of either:
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The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Heinz Fabian

Printed or Typed Name

Wolfgang Stang

June 19, 2009

Date

President / President

Title